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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 68 For Week Ended October 23, 1987 NO. 43

SUMMARY

(In Thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/23/87	Last Week Ending: 10/16/87	Last Year Week Ending: 10/24/86	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,814	12,985	12,910	-171	-96
Operable capacity	15,697	15,697	15,594	0	103
Percent operated	81.6	82.7	82.8		
Motor Gasoline					
Total motor gasoline production	6,808	6,657	6,485	151	323
Finished leaded motor gasoline production	1,608	1,503	1,910	105	-302
Finished unleaded motor gasoline production	5,200	5,154	4,575	46	625
Total motor gasoline stocks	223,196	223,173	226,338	23	-3,142
Finished leaded-motor gasoline stocks	52,302	52,669	64,950	-367	-12,648
Finished unleaded motor gasoline stocks	133,080	130,851	123,442	2,229	9,638
Jet Fuel Kerosine					
Jet fuel kerosine production	1,166	1,169	1,190	-3	-24
Jet fuel kerosine stocks	44,963	42,170	43,195	2,793	1,768
Distillate Fuel Oil					
Distillate fuel oil production	2,772	2,812	2,691	-40	81
Distillate fuel oil stocks	125,062	126,116	151,038	-1,054	-25,976
Residual Fuel Oil					
Residual fuel oil production	893	878	813	15	80
Residual fuel oil stocks	45,781	45,320	46,826	461	-1,045
Imports					
Crude oil imports	4,321	4,557	4,524	-236	-203
Product imports	2,015	1,335	2,249	680	-234
Crude Oil Stocks					
Crude oil stocks	337,426	333,606	339,493	3,820	-2,067

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,297	1,125	1,129	1,400	80.6
Appal. No. 1	99	92	92	105	87.6
DISTRICT 1 TOTAL	1,396	1,217	1,221	1,505	81.1
Appal. No. 2	45	45	45	66	68.2
Ind., Ill., Ky.	2,002	1,909	1,924	2,154	89.3
Minn., Wis., Daks.	328	315	315	317	99.4
Okla., Kans., Mo.	633	594	598	720	83.1
DISTRICT 2 TOTAL	3,008	2,863	2,882	3,257	88.5
Inland Texas	565	483	488	569	85.8
Texas Gulf Coast	3,332	2,936	2,959	3,569	82.9
La. Gulf Coast	2,472	2,279	2,349	2,648	88.7
N. La. and Ark.	143	129	132	257	51.4
New Mexico	76	68	70	81	86.4
DISTRICT 3 TOTAL	6,588	5,895	5,998	7,124	84.2
DISTRICT 4 TOTAL	479	454	456	552	82.6
DISTRICT 5 TOTAL	2,470	2,257	2,257	3,259	69.3
TOTAL U.S.	13,941	12,686	12,814	15,697	81.6
TOTAL U.S. Weeks Ended:					
OCT. 16, 1987	14,011	12,861	12,985	15,697	82.7
OCT. 24, 1986	13,978	12,731	12,910	15,594	82.8
DISTRICTS 1-4 Weeks Ended:					
OCT. 23, 1987	11,471	10,429	10,557	12,438	84.9
OCT. 16, 1987	11,455	10,400	10,524	12,438	84.6
OCT. 24, 1986	11,349	10,276	10,426	12,526	83.2

API WEEKLY STATISTICAL BULLETIN
Week Ended October 23, 1987

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	592	95	497	13	62	282	111
Appal. No. 1	25	4	21	--	--	31	3
DISTRICT 1 TOTAL	617	99	518	13	62	313	114
Appal. No. 2	20	5	15	--	--	10	2
Ind., Ill., Ky.	1,106	232	874	6	129	352	54
Minn., Wis., Daks.	169	33	136	1	14	93	6
Okla., Kans., Mo.	350	174	176	7	28	154	2
DISTRICT 2 TOTAL	1,645	444	1,201	14	171	609	64
Inland Texas	273	71	202	21	36	126	15
Texas Gulf Coast	1,648	335	1,313	27	266	600	194
La. Gulf Coast	1,191	252	939	30	289	513	108
N. La. and Ark.	35	11	24	9	7	30	11
New Mexico	44	17	27	8	1	17	--
DISTRICT 3 TOTAL	3,191	686	2,505	95	599	1,286	328
DISTRICT 4 TOTAL	232	104	128	17	30	116	6
DISTRICT 5 TOTAL	1,123	275	848	54	304	448*	381
TOTAL U.S.	6,808	1,608	5,200	193	1,166	2,772	893
TOTAL U.S. Weeks Ended:							
OCT. 16, 1987	6,657	1,503	5,154	232	1,169	2,812*	878
OCT. 24, 1986	6,485	1,910	4,575	211	1,190	2,691	813
DISTRICTS 1-4 Weeks Ended:							
OCT. 23, 1987	5,685	1,333	4,352	139	862	2,324	512
OCT. 16, 1987	5,547	1,189	4,358	195	857	2,392	491
OCT. 24, 1986	5,304	1,530	3,774	157	873	2,266	472

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.
NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,886	811	3,074	1	125	387	8,676	1,174	--
Central Atlantic	27,015	5,029	17,735	4,251	435	5,396	29,749	17,369	12,427
Lower Atlantic	31,734	6,939	24,400	395	638	4,403	14,396	3,036	354
DISTRICT 1 TOTAL	62,635	12,779	45,209	4,647	1,198	10,186	52,821	21,579	12,781
DISTRICT 2 TOTAL	58,929	17,101	33,924	7,904	967	9,115	28,293	2,767	15,928
DISTRICT 3 TOTAL	66,371	13,111	37,211	16,049	2,514	18,127	30,455	12,528	45,936
DISTRICT 4 TOTAL	6,099	2,061	2,346	1,692	359	758	2,432	404	2,451
DISTRICT 5 TOTAL	29,162	7,250	14,390	7,522	1,709	6,777	11,061	8,503	24,951*
TOTAL U.S.	223,196	52,302	133,080	37,814	6,747	44,963	125,062	45,781	102,047
TOTAL U.S.									
Weeks Ended:									
OCT. 16, 1987	223,173	52,669	130,851	39,653	6,847	42,170	126,116	45,320	100,984*
OCT. 24, 1986	226,338	64,950	123,442	37,946	6,938	43,195	151,038	46,826	101,662
DISTRICTS 1-4									
Weeks Ended:									
OCT. 23, 1987	194,034	45,052	118,690	30,292	5,038	38,186	114,001	37,278	77,096
OCT. 16, 1987	193,670	45,129	116,775	31,766	5,243	35,951	114,564	36,147	76,154
OCT. 24, 1986	195,901	57,155	108,790	29,956	5,094	37,022	139,659	37,978	78,643

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

*See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended October 23, 1987

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy June 1987	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
OCT. 23, 1987	5,076.0	5,208.0	4,207	607	264,226
OCT. 16, 1987	5,076.0	--	4,337	679	257,661
OCT. 9, 1987	5,076.0	--	4,563	632	261,573*
OCT. 2, 1987	5,120.2	--	4,879	609	260,175
DISTRICT 5 TOTAL					
OCT. 23, 1987	3,157.4	3,025.0	114	--	73,200 ‡
OCT. 16, 1987	3,157.4	--	220	--	75,945*
OCT. 9, 1987	3,157.4	--	237	--	75,123
OCT. 2, 1987	2,963.8	--	213	--	74,190
TOTAL U.S.					
OCT. 23, 1987	8,233.4	8,233.0	4,321	607	337,426 ‡
OCT. 16, 1987	8,233.4	--	4,557	679	333,606*
OCT. 9, 1987	8,233.4	--	4,800	632	336,696*
OCT. 2, 1987	8,084.0	--	5,092	609	334,365
OCT. 24, 1986	8,419.0 a/	--	4,524	552	339,493

‡INCLUDES 21,270 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1986.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
OCT. 23, 1987	15,162	69,893	166,859	12,312	264,226	73,200 ‡	337,426 ‡
OCT. 16, 1987	16,688	69,292	159,428*	12,253	257,661*	75,945*	333,606*
OCT. 24, 1986	16,809	75,750	163,402	11,390	267,351	72,142	339,493

[1]See definitional notes, Page 6.

*See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended October 23, 1987

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline Finished Leaded	Motor Gasoline Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oil	Other	Total
New England	117	--	117	--	--	--	65	37	6	--	--	225
Central Atlantic	83	14	69	85	--	2	119	208	28	17	70	612
Lower Atlantic	127	13	114	--	--	--	88	190	--	--	4	409
DISTRICT 1 TOTAL												
OCT. 23, 1987	327	27	300	85	--	2	272	435	34	17	74	1,246
OCT. 16, 1987	87	5	82	11	--	3	159	363	40	27	66	756
OCT. 9, 1987	500	60	440	65	--	7	360	371	25	50	66	1,444
OCT. 2, 1987	566	43	523	27	--	32	327	163	40	82	111	1,348
DISTRICTS 2-4 TOTAL												
OCT. 23, 1987	32	1	31	41	3	1	47	16	254	172	128	694
OCT. 16, 1987	7	--	7	9	3	--	46	17	205	135	123	545
OCT. 9, 1987	12	1	11	8	3	--	11	30	175	180	119	538
OCT. 2, 1987	7	--	7	8	2	29	14	--	187	157	189	593
DISTRICT 5 TOTAL												
OCT. 23, 1987	11	4	7	29	--	--	2	8	13	12	--	75
OCT. 16, 1987	10	3	7	6	--	--	4	5	9	--	--	34
OCT. 9, 1987	10	2	8	10	--	--	3	5	5	--	--	33
OCT. 2, 1987	2	--	2	9	--	1	3	8	7	2	--	32
TOTAL U.S.	370	32	338	155	3	3	321	459	301	201	202	2,015
TOTAL U.S. Weeks Ended:												
OCT. 16, 1987	104	8	96	26	3	3	209	385	254	162	189	1,335
OCT. 9, 1987	522	63	459	83	3	7	374	406	205	230	185	2,015
OCT. 2, 1987	575	43	532	44	2	62	344	171	234	241	300	1,973
OCT. 24, 1986	297	35	262	44	26	71	228	988	240	37	318	2,249

[1] Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

[2] Gasoline blending component imports are not included in total motor gasoline imports.

[3] Includes Grade No. 4 fuel oil.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: OCT. 23, 1987

REVISIONS

10/09/87	PAGE 4	T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	261,573
				TOTAL U.S.	336,696
	PAGE 4	B	TOTAL	PAD DISTRICT 3	163,279
				TOTAL PAD DISTRICTS 1-4	261,573
				TOTAL U.S.	336,696
10/16/87	PAGE 2		DISTILLATE FUEL	DISTRICT 5 TOTAL	420
				TOTAL U.S.	2,812
	PAGE 3		UNFINISHED OILS	DISTRICT 5 TOTAL	24,830
				TOTAL U.S.	100,984
	PAGE 4	T	CRUDE OIL STOCKS	DISTRICT 5 TOTAL	75,945
				TOTAL U.S.	333,606
	PAGE 4	B	TOTAL	PAD DISTRICT 5	75,945
				TOTAL U.S.	333,606